

FS on introduction waste management technology (2022)

Project name : “ Establishing Resource Recycling Waste Treatment System by introducing Organic Waste Volume Reduction Technology in San Jose City etc.”

1.FS implementation company

(Project developer)

Mikuniya Corporation

2.Country and Waste types

(Year for FS implementation)

FY2022

(Country)

Costa Rica

(Waste types)

Organic Waste (mainly food waste)

3.Planned project outline

(Technology)

- Reduces the volume of organic waste by more than 90% in 24 hours
- High-temperature aerobic fermentation and decomposition technology
- Activates domestic bacteria (does not use special bacteria)

(Project description)

- Introduce and maintain organic waste volume reduction system for private sector (i.e. food processors and resort hotels) discharging food waste
- Resource-recycling business model (system user can use or sell the remaining material after volume reduction as compost or biomass fuel)

(Project implementation formation)

Sales and maintenance the volume reduction system through distributor or agent in Costa Rica, single-handedly for start.

(Impact of reducing environmental burden)

Reducing 90% of organic waste on-site without incineration, CO2 emissions from transportation and incineration can be reduced by approx. 60%.

(General picture of this project)

